

AMENDMENTS TO THE SPECIFICATION

Replace the paragraph at page 13, line 18 to page 14, line 6 with the following paragraph:

[Sample 3] The slurry was prepared by pulverizing a high purity synthetic silica powder having the average particle size of $230\mu\text{m}$, which was used as the raw material of the crucible, by a ball mill. First, 1kg of the synthetic silica powder, 4.3kg of high purity alumina balls having the diameter of 5 mm, and 333g of the ultra pure water were taken into a high purity alumina pot to be pulverized for 30 hours. The given glass powder is the mixed powder consisting of the fine particle having the particle size of less than $10\mu\text{m}$ of 68 weight % and the coarse particle having the particle size larger than $10\mu\text{m}$ of ~~22~~ 32 weight %. As for the amount of the impurities in the given glass powder, Al was 500 ppm, and the alkali metals and the other heavy metals were less than 1 ppm. The prepared slurry was coated on the one side of the piece of the quartz glass with 0.5 mm of the layer thickness.